

## Installing Bison

The easiest way to install bison is via a package manager.

### Ubuntu Instructions

Use the built-in Ubuntu package manager.

```
sudo apt-get install -y bison
```

### MacOS Instructions

```
$ brew unlink bison
```

```
Unlinking /usr/local/Cellar/bison/3.4... 0 symlinks removed
```

```
$ brew install bison
```

```
$ brew link bison --force
```

```
Linking /usr/local/Cellar/bison/3.4... 9 symlinks created
```

```
$ echo 'export PATH="/usr/local/opt/bison/bin:$PATH"' >> ~/.bash_profile
```

```
$ export LDFLAGS="-L/usr/local/opt/bison/lib"
```

```
$ source ~/.bash_profile
```

```
$ bison -V
```

```
bison (GNU Bison) 3.4
```

## Installing RE-flex

RE-flex is developed by [Genivia]() and distributed via GitHub. The installation instructions below checkout the RE-flex's source into your home directory and then installs them on your system. They have been tested on MacOS and Ubuntu only.

```
cd ~
```

```
git clone https://github.com/Genivia/RE-flex reflex; cd reflex
```

```
./clean.sh
```

```
./build.sh
```

```
./allinstall.sh
```

Note that on Ubuntu, you may need to run `./allinstall.h` with `sudo`.